APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200950057-0

Linear Ion Accelerators, by D. V. Karetnikov, I. N. Slivkov.

RUSSIAN,

FTD-MT-[illegible]63-271
GOV'T USE ONLY

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Dec 64

270,237

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Concerning the Measurements of the Ion Flow in an Ion Accelerating System, by V. A. Yegorov, D. V. Karetnikov, S. N. Popov.

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ATIC MCL 757/1

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Item 2, IC 41881
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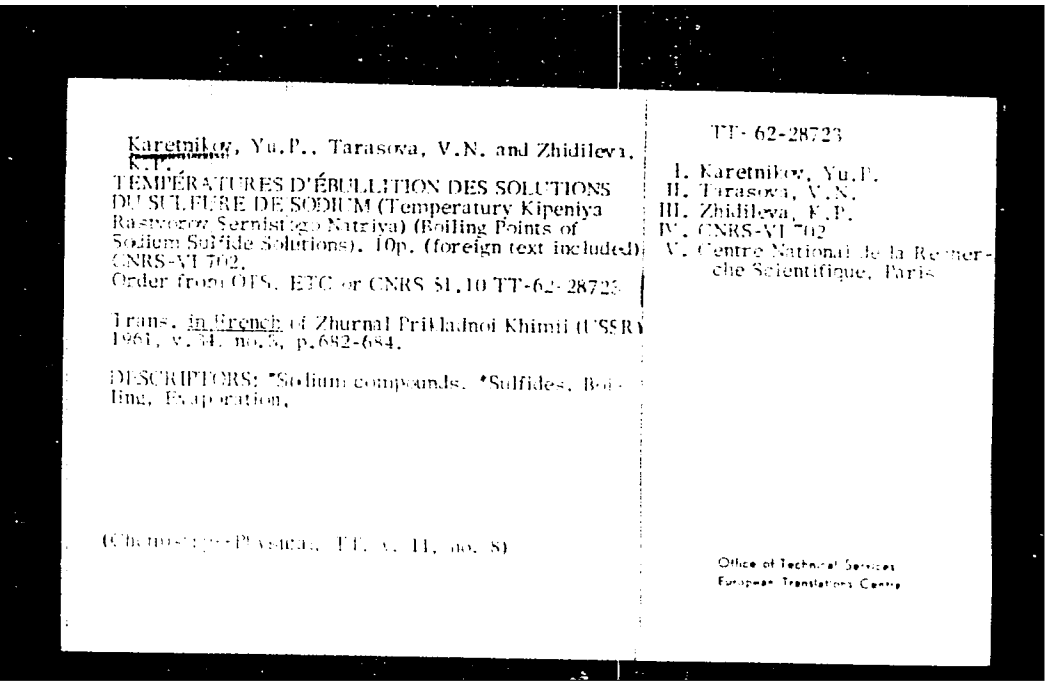

Karetnikov, Yu.P., Tarasova, V.N. and Zhidileva, K.P.
TEMPÉRATURES D'ÉBULLITION DES SOLUTIONS DU SULFURE DE SODIUM (Temperatury Kipeniya Rastvorov Sernistogo Natriya) (Boiling Points of Sodium Sulfide Solutions). 10p. (foreign text included) CNRS-VI 702.
Order from OTS, ETC or CNRS $1.10 TT-62-28723

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DESCRIPTORS: *Sodium compounds, *Sulfides, Boiling, Evaporation.

(Chemistry-Physical, TT, v. II, no. 8)

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I. Karetnikov, Yu.P.
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III. Zhidileva, K.P.
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European Translations Center

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[redacted], V. A., [redacted], E. A., [redacted], O. F., [redacted], V. R., [redacted], S. P., [redacted], P. P., [redacted], A. S., [redacted], O. L., SUBBOTINA, A. S., and TRAVINA, I. D.

Weather Types of Central Asia
Journal of Geophysics, V. 2, 1935, pp 163-201.

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Q2/c

A 6009

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Back to Dulles, by Karev.

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FBIS Wire

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Pol
19 Dec 61

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FBIS wire

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Apparatus for the Protection of Electrical Networks in Mines, by V. V. Glushkov, A. P. Karev.

RUSSIAN, per, Bezopasnost' Truda V Promyshlennosti, Vol VI, No 6, 1962, pp 16-17.

NLL Ref: 5828.4 1962 (5,250)
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Sci - Electron
Jul 63

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Sci - Electron
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Karev, G. A.
INITIAL PRIMING OF SIPHON SPILLWAYS
(O Zalyuchenii Sifonnykh Vodosbrosov v Raboty).
1961, 24p. PL-480 Int.
Order from OTS $0.50 61-11433

Trans. of Inzhenerno-Stroitel'nyi Institut, Tomsk. Sbornik Nauchnykh Trudov (USSR) 1957, v. 2, p. 97-123.

DESCRIPTORS: Water, *Hydraulic systems, Structures, Mathematical analysis, *Dams, Storage, pressure, Valves, Automatic, Sensitivity, Ducts, Primers.

Theoretical statements are presented based on research on models of flat profile siphons. The main factors determining the character of priming of the automatic siphon spillway are: (1) the sensitivity of the
(Engineering--Civil, TT, v. 7, no. 7) (over)

61-11433

I. Title: Siphon spillways
I. Karev, G. A.
II. PL-480 Int (61-11433)
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19[illegible]

Office of Technical Services

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Sci Engr

May 62

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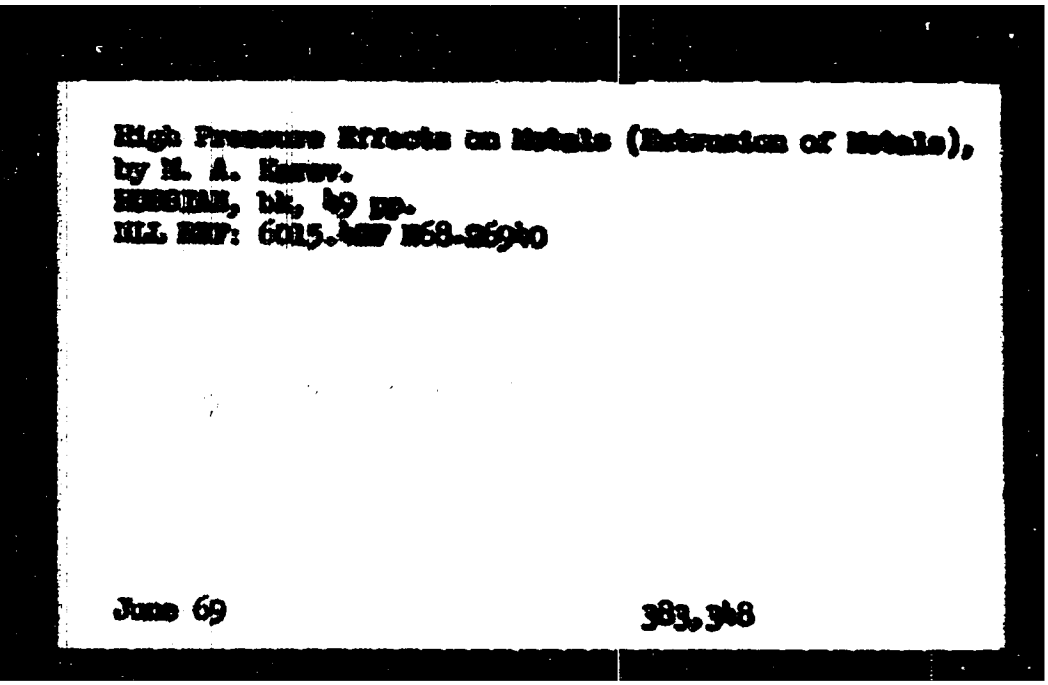

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On the Delivery Coefficient at the Discharge of Viscous Liquids, by V. N. Karev.

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Preparation of Thin Metal Foil From Isotopes of Alkali and Alkali Earth Metals, by A. D. Konder', V. M. Murav, 3 pp.

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Mechanization and Automatization of Experimental Studies of Hydraulic Resistance of Pipelines, by V. F. Khanov.

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*ATIC F-TS-3963/I

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Stabilizing Annealing and Its Effect on the Corrosion-Resistance of 1Kh18 N9 T Steel, by A. A. Babakov, E. N. Kareva.

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(NY-6072)

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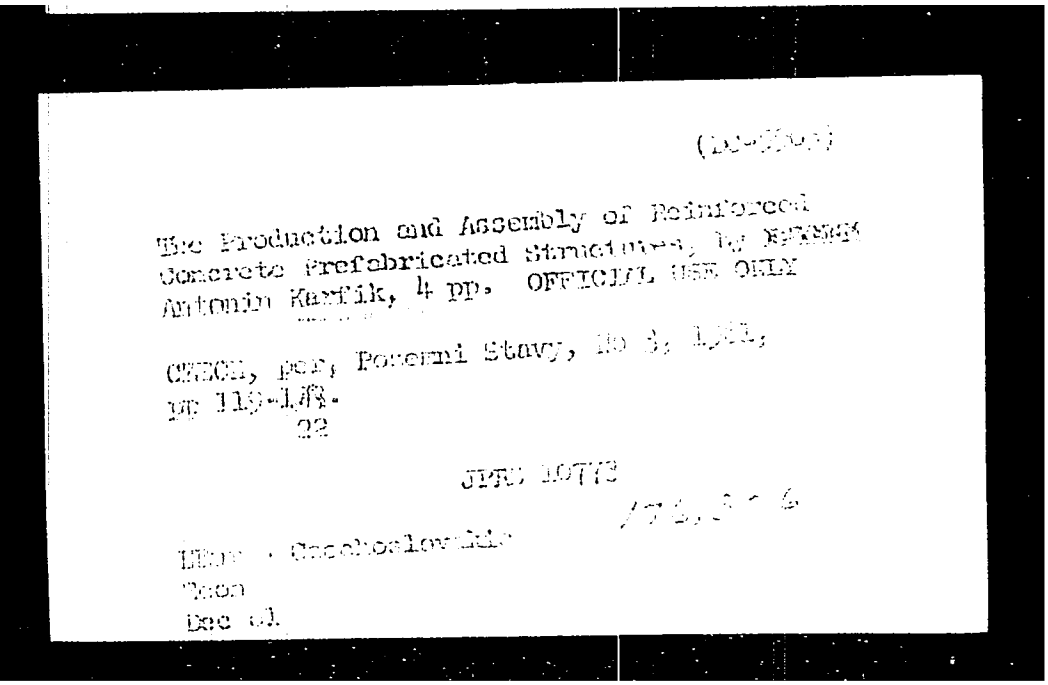

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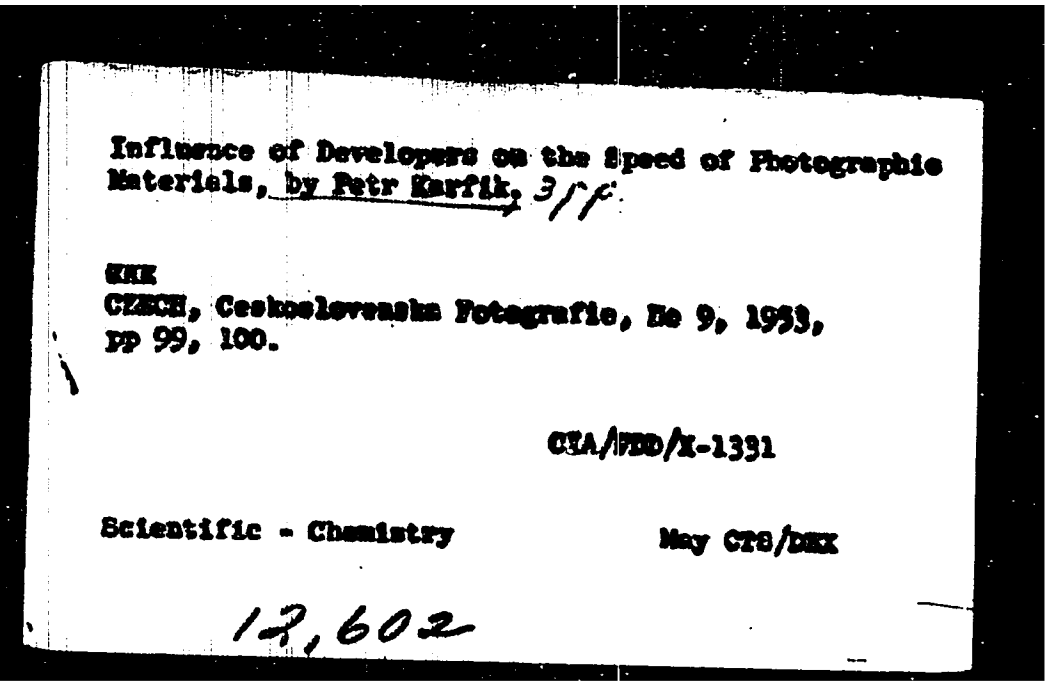

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Ecological Investigations of the Edaphic Gamasids,
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The Behaviour of Blood Eosinophils as a Test for Stress Reactions in Cattle and Pigs, by H. Karg.

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SLA 60-10282

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Sci - Physics, engineering
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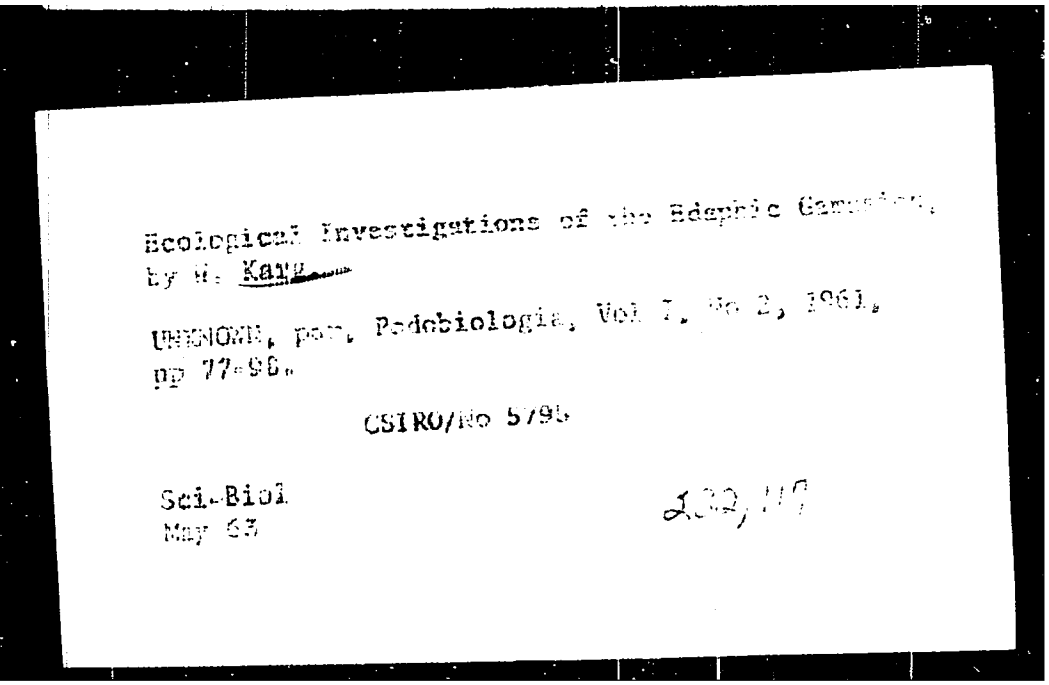

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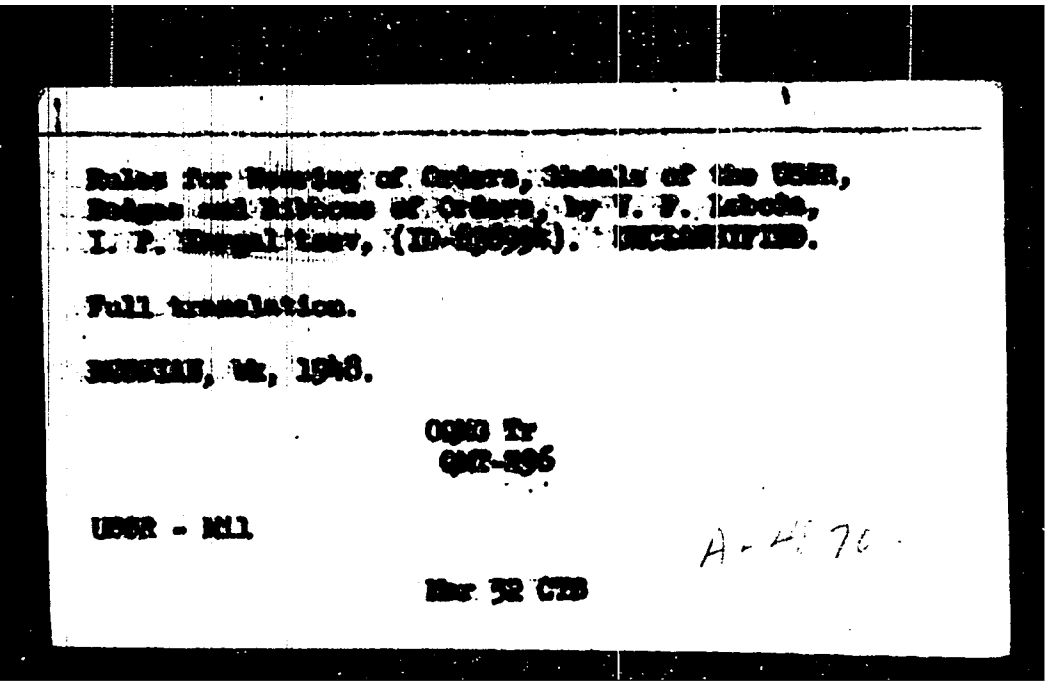

Rules for Wearing of Orders, Medals of the USSR, Badges and Ribbons of Orders, by F. F. Iskola, I. P. Shegal'tsev, (ID-[illegible]). [illegible].

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The "Calypso" Radio, by Andrzej Karge, 5 pp.

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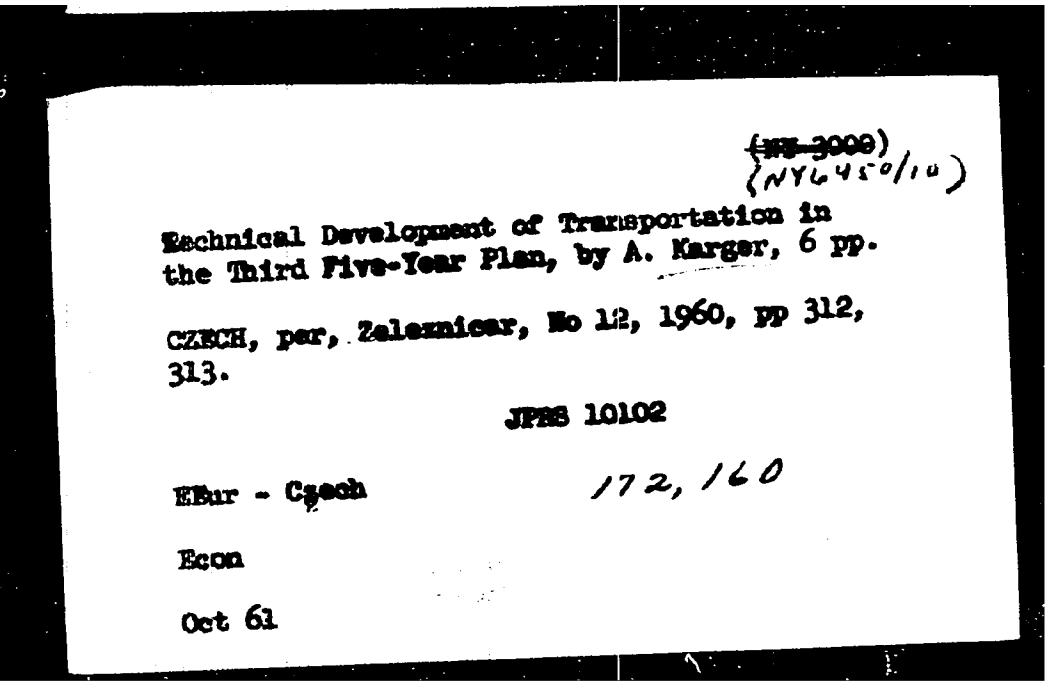

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EEur - Czech

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Kkur - Germany
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by W. W. Karger.
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A Measuring Device for the Determination of Electrical Values in Biological Membranes With Active Ion Transport, by W. Karger, F. W. Bigler, A. Hampel, 6 pp.

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Diffraction of Rapid Electrons in Thin Films of Cellulose Esters, by V. A. Kargin, D. I. Leipunskaya.
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NLL 5828.4F (11868)

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Deformation of Amorphous-Liquid Linear Polymers, 50
by V. A. Kargin, G. L. Slonimskii. 51
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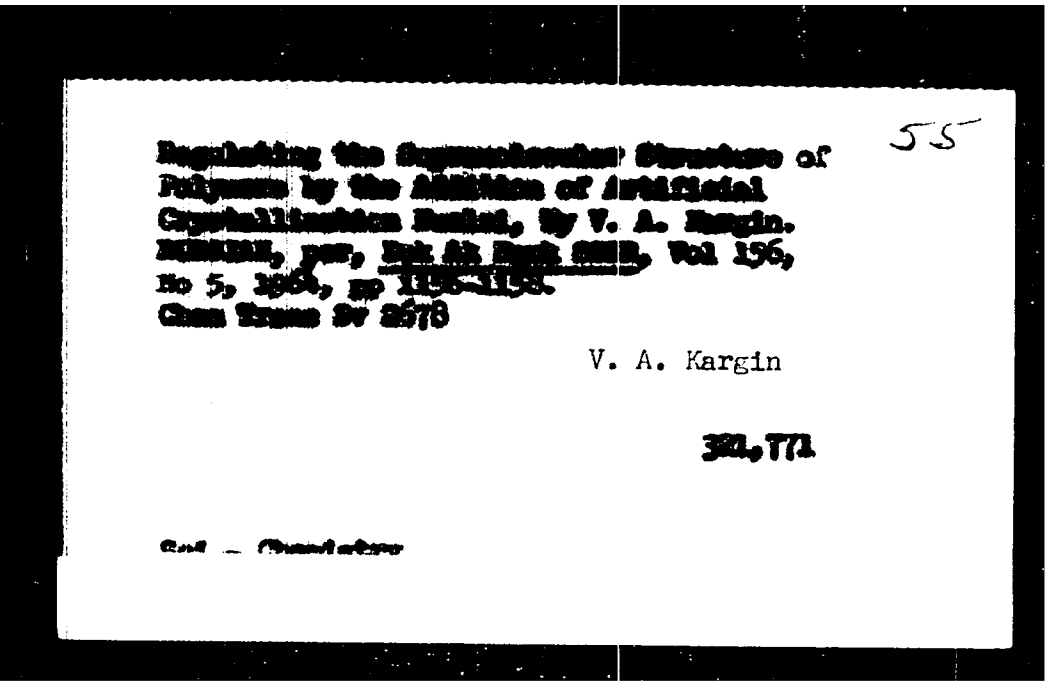

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Control of Blast Furnace Operation According to Static Pressure Differences, by P. G. Baranovsky, A. A. Kargin, 3 pp.

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Process for the Production of Liquid Oxides of Nitrogen From Nitrous Gases, by S. I. Kargin.

RUSSIAN.

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AEC RW-1505

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RUSSIAN, Dept. High Molecular Compounds. U.S.S.R.
Vol. 1, 1960, pp 162-165
CSIRO/No. 6881

V KARGIN

S:1 -
Aug 67

336-009

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200950057-0

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200950057-0

Polymerization Employing a Potassium-Carbon Black Catalyst, by V. Kargin.
RUSSIAN, rpt, High Molecular Compounds, U.S.S.R., No 2, 1960, pp 65-162
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V. KARGIN

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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200950057-0

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Flow Mechanism Of Polyvinyl Chloride by V.A. Kargin and T.I. Segalva.

RUSSIAN, per, Zhurnal Fizicheskoi Khimii, Vol XXXI, No 6, 1957, pp 1328-1336.

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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200950057-0

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200950057-0

THE ROLE OF PHASE R TRANSFORMATIONS IN THE POLYMERIZATION OF MONOMERS IN THE SOLID STATE, BY V.A. KARGIN, V. A. KABANOV, 4 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLI, NO 2, 1961, PP 389-392.

CB

SCI - PHYS CHEM

SEP 62 209,628

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200950057-0

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200950057-0

Kargin, V. A., Kabanov, V. A., and Zubov, V. P. THE FORMATION OF ISOTACTIC POLYMETHYLMETHACRYLATE DURING PHOTOPOLYMERIZATION IN THE SYSTEM: METHYL METHACRYLATE-ZINC CHLORIDE. [1961] [7]p. 8 refs.
Order from OTS or SLA $1.10 62-13837

Trans. of Vysokomolekulyarnye Soedineniya (USSR) 1960, v. 2 [no. 5] p. 756-769.

DESCRIPTORS: *Methyl radicals, *Polymers, *Zinc compounds, *Chlorides, Phase transitions, Microstructure, Molecular structure, Polymerization.

It has been shown that an isotactic polymer is produced in the radical-induced polymerization of methyl methacrylate at room temperature in the presence of zinc chloride dissolved in the monomer. The effect of the conformation of the reactant molecules in the transitional state on formation of the microstructure (Chemistry--Organic, TT, v. 7, no. 10) (over)

62-13837

I. Kargin, V. A.
II. Kabanov, V. A.
III. Zubov, V. P.
IV. Translations, New York

208285

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200950057-0

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Some Properties of Starch-Methyl Methyl Methacrylate Graft Copolymers, by V. A. Kargin, N. A. Plate, E. P. Rebinder.

RUSSIAN, per, Vysokomolekulyarnyye Soyedineniya, Vol I, No 10, 1959, pp 1547-1551.

AMS-52443R

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Vol 4, No 10

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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200950057-0

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200950057-0

Investigation of the Structure of Isotactic Polyacrylic Acid and Its Salts, by V. A. Kargin, et al.

RUSSIAN, per, Vysokomolekulyarnyye Soyedineniya, Vol III, No 1, 1961, pp 139-143.

MLL M. 3376

191, 908

Sci - Chem

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Isotactic Polyacrylic Acid and Its Salts, by V. A. Kargin, et al.

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HLL M. 3371

Sci - Chem

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Helical and Ribbon Structures of Polyethylene, by M. B. Konstantinopol'skaya, by Z. Ya. Berestneva, V. A. Kargin, 5 pp.

RUSSIAN, per, Kolloidnyi Zhur, Vol XXV, No 2, Mar, Apr 1963, pp 174-177.

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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200950057-0

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Kargin, V. A., Gorina, A. A., and Koretskaya, T. A.
AN ELECTRON-MICROSCOPIC STUDY OF THE MECHANISM OF THE SINTERING OF POLYTETRAFLUOROETHYLENE (FTOROPLAST-4). [1961] 7p.
Order from ATS $10.40 ATS-74N53R

Trans. of Vysokomolekulyarnye Soedineniya (USSR) 1959, v. 1, no. 8, p. 1143-1147.

DESCRIPTORS: *Ethylenes, *Fluorides, Polymers, Sintering, Optical analysis, *Electron microscopy.

(Chemistry--Organic, TT, v. 6, no. 8)

61-25333

I. Title: Ftoroplast-4
I. Kargin, V. A.
II. Gorina, A. A.
III. Koretskaya, T. A.
IV. ATS-74N53R
V. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200950057-0

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200950057-0

Kargin, V. A. and Malinskii, U. M.
THE INFLUENCE OF MOLECULAR WEIGHT ON TEMPERATURES OF POLYVINYL-CHLORIDE TRANSITIONS. [1963] 6p 7refs
Order from OTS, SLA, or ETC $1.10 TT-63-20518

Trans. of [Akademiya Nauk SSSR. Doklady] 1950, v. 72, no. 4, p. 725-728.

DESCRIPTORS: *Polyvinyl chloride, Temperature, Molecular weight, Phase studies.

(Materials--Plastics, TT, v. 11, no. 2)

TT-63-20518

I. Kargin, V. A.
II. Malinskii, U. M.

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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200950057-0

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MECHANICAL-CHEMICAL POLYMERIZATION OF METHACRYLAMIDE IN THE SOLID STATE, BY V. A. KARGIN, N. A. PLATE, 4 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLII, NO 6, 1962, PP 1312-1315.

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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200950057-0

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Synthesis and Mechanical Properties of Isotactic Polystyrene, by V. A. Kargin, V. A. Kabanov, I. Yu. Morchenko, 11 pp.

RUSSIAN, per, Vysokomol Soedin, Vol I, No 1, 1959, pp 94-102.

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Investigation of the Anisotropy of Electrical Conductivity of Polymeric Electrolytes, by V. A. Kargin, S. Ya. Mirlina, Yu. F. Nagornaya, 13 pp.

RUSSIAN, per, Vysokomol Soedin, Vol I, No 2, 1959, pp 191-200.

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The Heterogeneous Polymerization of Sodium Acrylate in the Presence of Other Salts, by V. A. Kargin, V. A. Kabanov, G. P. Andryanova, 9 pp.

RUSSIAN, per, Vysokomol Soedin, Vol I, No 2, 1959, pp 301-307.

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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200950057-0

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200950057-0

Kargin, V. A., Sogolova, T. L., and Pavlichenko, N. P.
RELAXATION EFFECTS IN CRYSTALLINE POLYOLEFINS. [1963] 5p. 8 refs.
Order from OTS or SLA $1.10 63-14311

Trans. of Vysokomolekulyarnye Soedineniya (USSR) 1962, v. 4 [no. 5] p. 738-742.

DESCRIPTORS: *Polymers, *Ethylenes, *Propenes, *Relaxation time, Crystallization, Transition temperature, *Phase studies, Polyethylene plastics.

The relaxation properties of crystalline polyolefins were investigated over a wide range of temperatures under conditions of sinusoidal force action of constant amplitude. Under such conditions the crystalline polymers were found to possess a broad relaxation spectrum over the entire interval from Tg to Tp. The importance of determining the character of the
(Chemistry--Organic, TT, v. 10, no. 3) (over)

63-14311

I. Kargin, V. A.
II. Sogolova, T. L.
III. Pavlichenko, N. P.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200950057-0

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The Semiconductor Properties of Polymer Materials, by V. A. Kargin, A. V. Topchiyev, B. A. Krentsel, L. S. Polak, B. E. Davydov, 19 pp.

RUSSIAN, per, Zhur Vses Khim Obshch imeni XX D. I. Mendeleyeva, Vol V, No 5, Oct 1960, pp 507-514.

JPRS 9293

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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200950057-0

Some Properties of Block Copolymers of an Epoxide Resin and Butadienne Nitrile Rubber, by V. A. Kargin, N. A. Plate, A. S. Dobrymina.

RUSSIAN, per, Kolloid Zhur, Vol XX, No 3, 1958, pp 332-337.

LSB-105

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Structural Processes During the Flow of High Polymers, by V. A. Kargin.

RUSSIAN, per, Trudy I i II [illegible] Konf po Vysokomolek Soedineniyam Ak Nauk SSSR, [illegible], pp 10-11.

[illegible]

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Polymerization in Systems Obtained by the Method of Molecular Beams, by V. A. Kargin,

RUSSIAN, per, Vysokomol Soedineniya, Vol I, No 2, 1959, pp 265-268.

ATS RJ-2124

Sci - Chem

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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200950057-0

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Investigating the Capacity of Wetting a Solid Surface with Polymers, by V. A. Kargin, M. B. Konstantinopol'skaya, Z. Ya. Beresthevn, 8 pp.

RUSSIAN, per, Vysokomolekulyarnye Soyedineniya, Vol I, No 7, 1959, pp 1074-1076. 9670069

ATIC MCL-906/1

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The Heterogeneous Polymerization of Sodium Acrylate in the Presence of Other Salts, by V. A. Kargin, V. A. Kabanov, G. P. Andrianova, 15 pp.

RUSSIAN, per, Vysokomolekulyarnye Soedineniya, Vol I, No 2, 1959, pp 301-307. 9670224

ATIC MCL-8491

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Preparation and Investigation of the Properties of Graft Copolymers Based on Starch and Styrene, by V. A. Kargin,

RUSSIAN, per, Vysokomol Soedineniya, Vol I, No 1. 1959, pp 114-122.

ATS RJ-2127

Sci - Chem

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Formation of Graft Polymers by the Ozonation of Cellulose, by V. A. Kargin, et al. USCL

RUSSIAN, per, Vysokomolekulyarnye Soyedineniya, Vol I, No 1, 1959, pp 149-151.

OTS 61-25731
DSIR LIB REQ 1487
A75.RJ.3105
(75. 60.)

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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200950057-0

Chemical Grafting on Crystalline Surfaces, by V. A. Kargin, V. A. Plate,

RUSSIAN, per, Vysokomol Soedinenlya, Vol I, No 2, 1959, pp 330-331.

AMS RJ-2128

Sci - Chem

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An Investigation of the Electrochemical Properties and Molecular form of the Copolymers of Ethylenesulfonic and Acrylic Acids, by V. A. Kargin, S. Ya. Mirlina, A. D. Antipina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 3, 1959, pp 614-616.

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Mechanical Means of Production of New Types of Polymers, by V. A. Kargin, B. M. Kovarskaya, 6 p.

RUSSIAN, per, Khim Prom, 1957, No 2, pp 77-79.

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Process of Solution and Swelling of Cellulose Esters. II., by A. Tager, V. A. Kargin. RUSSIAN, zur. Zh. Fiz. Khim, Vol 15, No 9, 1941, pp 1036-1054. NLL 5828.4F (11954)

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Preparation of Basic Salts of Aluminum and Investigation of Their Properties, by M. Ye. Shishnyashvili, V. A. Kargin, A. L. Batsandadze, 8 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXI, 1947, pp 391-396.

SLA 60-17723

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Polymer on the Basis of Bicyclo-2,2,1-Heptadiene, by V. A. Kargin, N. A. Plate, L. A. Dudnik, 6 pp.

RUSSIAN, per, Vysokomol Soedin, Vol I, No 3, 1959, pp 420-424.

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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200950057-0

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Transition Temperatures in Synthetic Polymers wi Rigid Chains, by P. V. Kozlov, A. Endrykhovskaya, V. A. Kargin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 4, 1959, pp 844-846.

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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200950057-0

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The Solubility of Grafted Copolymers Derived [illegible] Polystyrene and Acrylic Acid, by M. M. [illegible], P. V. Kozlov, V. A. Kargin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No [illegible] 1959, pp 1093-1095.

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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200950057-0

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Determination of the Molecular Weight of Linear Polymers by Their Mechanical Properties, by V. A. Kargin, G. L. Slonimskiy, 14 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXIII, No 5, 1949, pp 563-571.

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The Structure and [redacted] Properties of Isotactic Polyacrylic Acid and Its Salts, by V. A. Kargin, S. Ya. Mirlina, V. A. Kabanov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 4, 1960, pp 893-895.

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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200950057-0

Plastic Flow of Polyvinyl Chloride at High Stress, by V. A. K Kargin, T. I. Sogolova.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CVIII, No 4, 1956, pp 662-664.

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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200950057-0

Two Types of Plasticizing of Rigid-Chain Polymers,
by V. A. Kargin, P. V. Kozlov, R. M. Asimova,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV,
No 2, 1960, pp 357-360.

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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200950057-0

Destruction and Formation of Structures of Natural Proteins During Their Transfer Through Nonporous Membranes, by V. A. Kargin, P. V. Kozlov, B. Ya. Mirlina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLXV, No 6, 1960, pp 1421-1424.

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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200950057-0

The Production of Geometrically Ordered Structures in Amorphous Polymers, by V. A. Kargin, N. F. Bakayev and Kh. Vergin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXII, No 1, 1958, pp 97-98.

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The Structure of Gels. 10. Globulization of Rubber Under the Action of Nonsolvents Added to Solutions, by P. I. Zubov, Z. N. Zhurkina, V. A. Kargin, 4 pp.

RUSSIAN, per, Kolloid Zhur, Vol XIX, No 4, 1957, pp 430-434.

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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200950057-0

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200950057-0

Kargin, V. A., Kabanov, V. A. and others.
POLYMERIZATION OF ACETONE, tr. by L. Gawronska. 9 Mar 61, 4p. 8 refs. Courtaulds Misc. Lit. 3282: [DSIR LLU] M. 3203.
Order from OTS or SLA $1.0 61-27645

Trans. of Akad[emiya] Nauk SSSR. Doklady, 1960, v. 134, no. 5, p. 1098-1099.

DESCRIPTORS: *Polymerization, *Acetones.

This investigation of acetone polymerization indicates that by applying the principle of preliminary orientation of monomer molecules in the reaction system it is possible to polymerize substances, which do not polymerize under normal conditions. In this case the orientation was obtained by crystallization of the monomer. The conditions, favouring kinetically the formation of polymer chains from the oriented monomer molecules, (Chemistry--Organic, TT. v. 6, no. 11) (over)

61-27645

I. Kargin, V. A.
II. Kabanov, V. A.
III. Courtaulds ML-3282
IV. DSIR LLU M. 3203
V. Courtaulds Ltd. (Gt. Brit.)

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200950057-0

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200950057-0

An Investigation of the Mechanical Properties of Crystalline Polymers. II. Polyethylenes, by V.A. Kargin, T. I. Sogolova, 15 pp.

RUSSIAN, [illegible]er, Zhur Fiz Khim, Vol XXVII, No 8, 1953, pp1208-1212

SLA R-2775

Sci

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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200950057-0

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Kargin, V. A. and Malinskii, U. M.
THE INFLUENCE OF MOLECULAR WEIGHT ON TEMPERATURES OF POLYSTYRENE TRANSITIONS.
[1963] [6p] 2refs
Order from OTS, S.A., or ETC $1.10 TT-63-20517

Trans. of [Akademiya Nauk SSSR. Doklady] 1950, v. 72, no. 5, p. 915-918.

DESCRIPTORS: *Styrene plastics, Polymers, Temperature, Molecular weight, Phase studies.

(Materials--Plastics, TT, v. 11, no. 2)

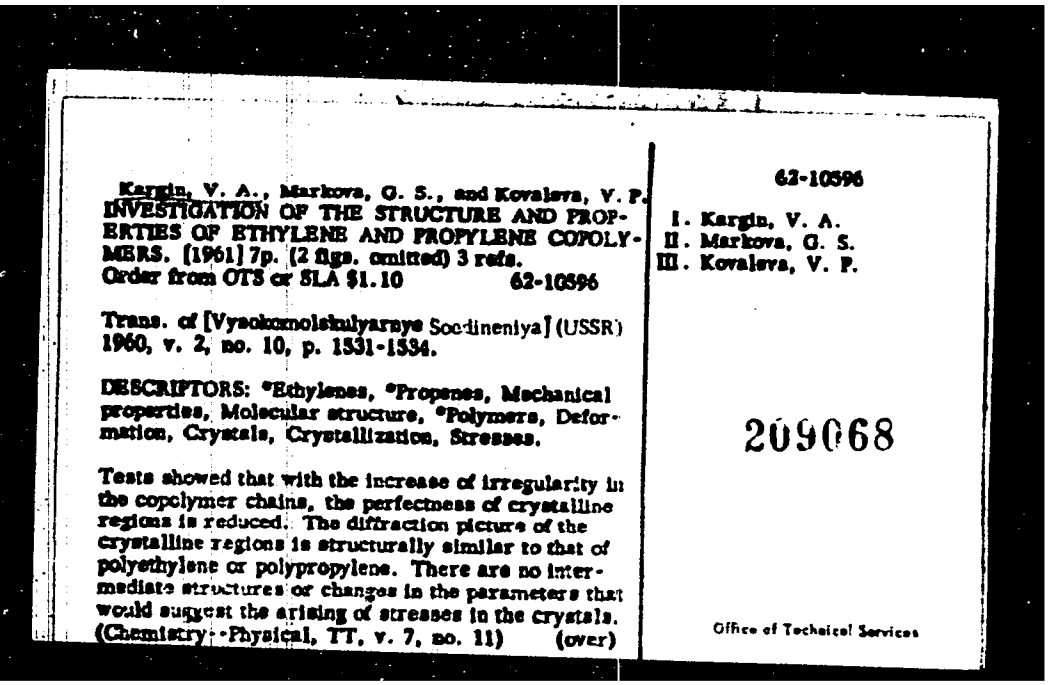
TT-63-20517

I. Kargin, V. A.
II. Malinskii, U. M.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200950057-0

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200950057-0



Kargin, V. A., Markova, G. S., and Kovaleva, V. P. INVESTIGATION OF THE STRUCTURE AND PROPERTIES OF ETHYLENE AND PROPYLENE COPOLYMERS. [1961] 7p. [2 figs. omitted] 3 refs. Order from OTS or SLA $1.10 62-10596

Trans. of [Vysokomolekulyarnye Soedineniya] (USSR) 1960, v. 2, no. 10, p. 1531-1534.

DESCRIPTORS: *Ethylenes, *Propenes, Mechanical properties, Molecular structure, *Polymers, Deformation, Crystals, Crystallization, Stresses.

Tests showed that with the increase of irregularity in the copolymer chains, the perfectness of crystalline regions is reduced. The diffraction picture of the crystalline regions is structurally similar to that of polyethylene or polypropylene. There are no intermediate structures or changes in the parameters that would suggest the arising of stresses in the crystals. (Chemistry--Physical, TT, v. 7, no. 11) (over)

62-10596

I. Kargin, V. A.
II. Markova, G. S.
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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200950057-0

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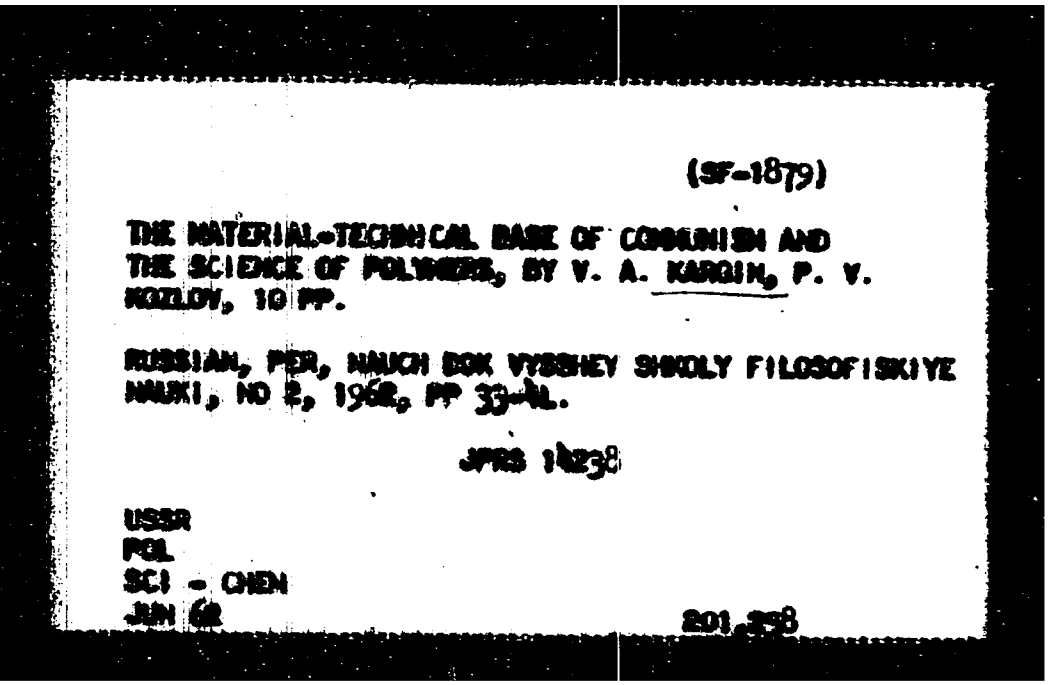

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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000200950057-0

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